

W. Brumback

P#9

1642

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/368,076

DATE: 11/29/2000
TIME: 09:04:23

Input Set : A:\7682-047 Sequence Listing.txt
Output Set: N:\CRF3\11292000\I368076.raw

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4 <110> APPLICANT: Jin, Hong et al.
6 <120> TITLE OF INVENTION: Recombinant RSV Virus Expression Systems and
7 Vaccines
9 <130> FILE REFERENCE: 7682-047
11 <140> CURRENT APPLICATION NUMBER: 09/368,076
12 <141> CURRENT FILING DATE: 1999-08-03
14 <150> PRIOR APPLICATION NUMBER: 09/161,122
15 <151> PRIOR FILING DATE: 1998-09-25
17 <150> PRIOR APPLICATION NUMBER: 60/069,153
18 <151> PRIOR FILING DATE: 1997-09-26
20 <150> PRIOR APPLICATION NUMBER: 60/084,133
21 <151> PRIOR FILING DATE: 1998-05-01
23 <150> PRIOR APPLICATION NUMBER: 60/089,207
24 <151> PRIOR FILING DATE: 1998-06-12
26 <160> NUMBER OF SEQ ID NOS: 56
28 <170> SOFTWARE: FastSEQ for Windows Version 4.0
30 <210> SEQ ID NO: 1
31 <211> LENGTH: 46
32 <212> TYPE: DNA
33 <213> ORGANISM: Artificial Sequence
35 <220> FEATURE:
36 <223> OTHER INFORMATION: Oligonucleotide
38 <400> SEQUENCE: 1
39 cgacgcataat tacgcgaaaa aatgcgtaca acaaaattgc ataaac 46
41 <210> SEQ ID NO: 2
42 <211> LENGTH: 50
43 <212> TYPE: DNA
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: Oligonucleotide
49 <400> SEQUENCE: 2
50 caaaaaaatg gggcaaatga gaatttgata agtaccactt aaatttact 50
52 <210> SEQ ID NO: 3
53 <211> LENGTH: 24
54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Oligonucleotide
60 <400> SEQUENCE: 3
61 ctagagttaa atttaagtgg tact 24
63 <210> SEQ ID NO: 4
64 <211> LENGTH: 50
65 <212> TYPE: DNA
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Oligonucleotide
71 <400> SEQUENCE: 4

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72 tatcaaatc ttatttgccc catttttttg gtttatgcaa gtttggtgta      50
74 <210> SEQ ID NO: 5
75 <211> LENGTH: 30
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Oligonucleotide
82 <400> SEQUENCE: 5
83 cgcatttttt cgcgtaatat gcgtcggtac      30
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 50
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Oligonucleotide
93 <400> SEQUENCE: 6
94 gtattcaatt atagttatta aaaattaaaa atcatataat tttttaaata      50
96 <210> SEQ ID NO: 7
97 <211> LENGTH: 50
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Oligonucleotide
104 <400> SEQUENCE: 7
105 acttttagtg aactaatcct aaagttatca ttttaatctt ggaggaaata      50
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 50
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Oligonucleotide
115 <400> SEQUENCE: 8
116 atttaaacc taatctaatt ggtttatatg tgtattaact aaattacgag      50
118 <210> SEQ ID NO: 9
119 <211> LENGTH: 46
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Oligonucleotide
126 <400> SEQUENCE: 9
127 atattagttt ttgacacttt ttttctcggt atagtgagtc gtatta      46
129 <210> SEQ ID NO: 10
130 <211> LENGTH: 25
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Oligonucleotide
137 <400> SEQUENCE: 10
138 agctlaatac gactcactat aacga      25

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140 <210> SEQ ID NO: 11
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148 <400> SEQUENCE: 11
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151 <210> SEQ ID NO: 12
152 <211> LENGTH: 50
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Oligonucleotide
159 <400> SEQUENCE: 12
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162 <210> SEQ ID NO: 13
163 <211> LENGTH: 50
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Oligonucleotide
170 <400> SEQUENCE: 13
171 acttttaggat tagttcacta aaagttattt aaaaaattat atgattttta      50
173 <210> SEQ ID NO: 14
174 <211> LENGTH: 29
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Oligonucleotide
181 <400> SEQUENCE: 14
182 atttttaata actataattg aatactgca      29
184 <210> SEQ ID NO: 15
185 <211> LENGTH: 17
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: Primer
192 <400> SEQUENCE: 15
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196 <211> LENGTH: 17
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: Primer
203 <400> SEQUENCE: 16
204 acatataggc atgcacc      17
206 <210> SEQ ID NO: 17

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208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Primer
214 <400> SEQUENCE: 17
215 gcaaaatgga tccatt
217 <210> SEQ ID NO: 18
218 <211> LENGTH: 18
219 <212> TYPE: DNA
220 <213> ORGANISM: Artificial Sequence
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Primer
225 <400> SEQUENCE: 18
226 tggttggtat accagtgt
228 <210> SEQ ID NO: 19
229 <211> LENGTH: 18
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Primer
236 <400> SEQUENCE: 19
237 taccaagagc tcgagtca
239 <210> SEQ ID NO: 20
240 <211> LENGTH: 21
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Primer
247 <400> SEQUENCE: 20
248 ggtggccggc atggtcccag c
250 <210> SEQ ID NO: 21
251 <211> LENGTH: 20
252 <212> TYPE: DNA
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Primer
258 <400> SEQUENCE: 21
259 ttaccatat gcgctaattgt
261 <210> SEQ ID NO: 22
262 <211> LENGTH: 19
263 <212> TYPE: DNA
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <223> OTHER INFORMATION: Primer
269 <400> SEQUENCE: 22
270 acgcgaaaaa atgcgtaca
272 <210> SEQ ID NO: 23
273 <211> LENGTH: 18

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274 <212> TYPE: DNA
275 <213> ORGANISM: Artificial Sequence
277 <220> FEATURE:
278 <223> OTHER INFORMATION: Primer
280 <400> SEQUENCE: 23
281 acgagaaaaa agtggcaa
283 <210> SEQ ID NO: 24
284 <211> LENGTH: 17
285 <212> TYPE: DNA
286 <213> ORGANISM: Artificial Sequence
288 <220> FEATURE:
289 <223> OTHER INFORMATION: Primer
291 <400> SEQUENCE: 24
292 ctcaccacgt gttaaac
294 <210> SEQ ID NO: 25
295 <211> LENGTH: 17
296 <212> TYPE: DNA
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Primer
302 <400> SEQUENCE: 25
303 ggtgcatgcc tatatgt
305 <210> SEQ ID NO: 26
306 <211> LENGTH: 19
307 <212> TYPE: DNA
308 <213> ORGANISM: Artificial Sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION: Primer
313 <400> SEQUENCE: 26
314 aatgggatcc attttgtcc
316 <210> SEQ ID NO: 27
317 <211> LENGTH: 19
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Primer
324 <400> SEQUENCE: 27
325 aacactggta taccaacca
327 <210> SEQ ID NO: 28
328 <211> LENGTH: 20
329 <212> TYPE: DNA
330 <213> ORGANISM: Artificial Sequence
332 <220> FEATURE:
333 <223> OTHER INFORMATION: Primer
335 <400> SEQUENCE: 28
336 acattagcgc atatggtaaa
338 <210> SEQ ID NO: 29
339 <211> LENGTH: 2165
340 <212> TYPE: PRT

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VERIFICATION SUMMARY DATE: 11/29/2000
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